

**DECLARATION FOR UTILITY  
PATENT APPLICATION  
(37 C.F.R. 1.63)**

<b>X Declaration Submitted with Initial Filing</b>	<b>Attorney Docket No.</b>	I69.12-0613
	<b>First Named Inventor</b>	Robert W. Lamberton et al.
<b>COMPLETE IF KNOWN</b>		
<b>Declaration Submitted after Initial Filing (Surcharge (37 C.F.R. 1.16(e)) Required)</b>	<b>Application Number</b>	
	<b>Filing Date</b>	Herewith
	<b>Group Art Unit</b>	
	<b>Examiner Name</b>	

As a below named inventor, I hereby declare that my residence, post office address, and citizenship are as stated below.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:  
**NANOCLUSTERED MAGNETIC MATERIAL FOR HIGH MOMENT WRITE POLE APPLICATIONS**

the specification of which:

**X** is attached hereto OR

was filed on as United States Application Number or PCT International Application Number and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Certified Copy Attached? Yes      No
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I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)
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I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date	Parent Patent Number
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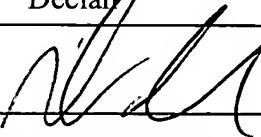
	(MM/DD/YYYY)	(if applicable)

DIRECT ALL CORRESPONDENCE TO:

Customer Number	00164
Attention	David R. Fairbairn
Telephone	(612) 339-1863
Fax	(612) 339-6580

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

<b>Sole or First Inventor:</b>	
Given Name (First and middle (if any))	
Robert W.	
Inventor's signature	Date:
Residence	Limavady, Co. Derry, N. Ireland
Mailing Address	122 Bolea Road
City, State, Country	Limavady, Co. Derry, N. Ireland BT49 0QU

<b>Second Inventor:</b>	
Given Name (First and middle (if any))	
Declan	
Inventor's signature	
	Date: 10-7-03
Residence	Prior Lake, Minnesota
Mailing Address	14572 Rosewood Road, N.E.
City, State, Country	Prior Lake, Minnesota 55372, USA

<b>Third Inventor:</b>	
Given Name (First and middle (if any))	
Paul M.	
Inventor's signature	Date:
Residence	Muff, Co Donegal, Republic of Ireland
Mailing Address	43, Whitehill Park
City, State, Country	Muff, Co Donegal, Republic of Ireland

<b>Fourth Inventor:</b>	
Given Name (First and middle (if any))	
William J.	
Inventor's signature	Date:
Residence	Derry, N. Ireland
Mailing Address	28 Ringsend Road
City, State, Country	Derry, No. Ireland, BT49 0QJ

**DECLARATION FOR UTILITY  
PATENT APPLICATION  
(37 C.F.R. 1.63)**

Attorney Docket No. 1012-0613

First Named Inventor Robert W. Lamberton et al.

**COMPLETE IF KNOWN**

<input checked="" type="checkbox"/> Declaration Submitted with Initial Filing  <input type="checkbox"/> Declaration Submitted after Initial Filing (Surcharge (37 C.F.R. 1.16(e)) Required)	Application Number	
	Filing Date	Herewith
	Group Art Unit	
	Examiner Name	

As below named inventor, I hereby declare that my residence, post office address, and citizenship are as stated below.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**NANOCLUSTERED MAGNETIC MATERIAL FOR HIGH MOMENT WRITE POLE APPLICATIONS**

the specification of which:

is attached hereto OR

was filed on as United States Application Number or PCT International Application Number and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

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Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Certified Copy Attached? Yes      No

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(d) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

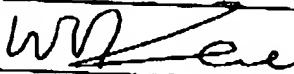
U.S. Parent Application or PCT Parent Number	Parent Filing Date	Parent Patent Number

	(MM/DD/YYYY)	(if applicable)
DIRECT ALL CORRESPONDENCE TO:		
Customer Number	00164	
Attention	David R. Fairbairn	
Telephone	(612) 339-1863	
Fax	(612) 339-6580	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Sole or First Inventor:			
	Given Name (First and middle (if any))	Family Name or Surname	
	Robert W.	Lamberton	
Investor's signature	Robert Lamberton	Date:	7th October 2003
Residence	Limavady, Co. Derry, N. Ireland	Citizenship: UK	
Mailing Address	122 Boles Road		
City, State, Country	Limavady, Co. Derry, N. Ireland BT49 0QU		

Third Inventor:		
	Given Name (First and middle (if any))	Family Name or Surname
	Paul M.	Dodd
Inventor signature		
Date:	7th October 2003	
Residence	Muff, Co Donegal, Republic of Ireland	Citizenship: Ireland
Mailing Address	43, Whitehill Park	
City, State, Country	Muff, Co Donegal, Republic of Ireland	

Fourth Inventor:			
	Given Name (First and middle (if any))	Family Name or Surname	
	William J.	O'Kane	
Inventor's signature			
Date:	8/10/03		
Residence	Derry, N. Ireland		
Mailing Address	28 Ringsend Road		
City, State, Country	Derry, No. Ireland, BT49 0QJ		

**POWER OF ATTORNEY**

Attorney Docket No.

I69.12-0613

First Named Inventor : Robert W. Lamberton

Title : NANOCLOUTERED MAGNETIC MATERIAL FOR HIGH MOMENT WRITE POLE APPLICATIONS

In the patent application:

 identified above (and submitted to the Patent and Trademark Office herewith). filed on \_\_\_\_\_ as Application No. \_\_\_\_\_.

I appoint the attorneys and agents associated with Customer Number 00164 to prosecute the patent application identified above and to transact all business in the Patent and Trademark Office connected therewith, including full power of association, substitution and revocation.

I ratify all prior actions taken by Kinney & Lange, P.A. or the attorneys and agents mentioned above in connection with the prosecution of the above-mentioned patent application.

I authorize Kinney & Lange, P.A. to mark the appropriate space above and to insert the filing date and application number of the application, as appropriate.

I aver that I am empowered by Seagate Technology LLC to act on behalf of the Assignee, Seagate Technology LLC, in connection with this document and the above application.

Please address all correspondence and telephone calls to Customer Number 00164, attention David R. Fairbairn, Telephone (612) 339-1863, Fax (612) 339-6580.

**SEAGATE TECHNOLOGY LLC**

Signature:

Dated: Oct 14, 2007

Title:

Paul T. Dietz, Reg. No. 38,898

Patent Attorney

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor : Robert W. Lamberton	Group Art Unit:
Appn. No. :	Examiner:
Filed : Herewith	
Title : NANOCLOUSTERED MAGNETIC MATERIALS FOR HIGH MOMENT WRITE- POLE APPLICATIONS	
Docket No. : 169.12-0613	

## SUBMISSION UNDER 37 C.F.R. 3.73(b)

Commissioner For Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

Seagate Technology LLC, a Delaware corporation, is an owner of the patent application identified above by virtue of either:

A.  An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_, Frame \_\_, or a copy of which is attached.

OR

B.  A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a copy of which is attached.
  
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a copy of which is attached.

-2-

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a copy of  
which is attached.

The undersigned (whose title is supplied below) is empowered to sign this statement on  
behalf of Seagate Technology LLC.

Signature:

  
Paul T. Dietz, Reg. No. 38,858

Date: Oct 14, 2003

Title:

Patent Attorney

TOTAL P.04

## **ASSIGNMENT**

Attorney Docket No. : I69.12-0613  
Seagate Docket No. : STL 11531.00

WHEREAS, we Robert W. Lamberton of 122 Bolea Road, Limavady, Co. Derry, N. Ireland BT49 0QU, Declan Macken of 14572 Rosewood Road, N.E., Prior Lake, Minnesota 55372, USA, Paul M. Dodd of 43, Whitehill Park, Muff, Co Donegal, Republic of Ireland, and William J. O'Kane of 28 Ringsend Road, Derry, No. Ireland, BT49 0QJ are the inventor(s) of an invention entitled NANOCLUSTERED MAGNETIC MATERIAL FOR HIGH MOMENT WRITE POLE APPLICATIONS that is the subject matter of: (Check all that apply)

- a provisional application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. filed on ;
  - an application for Letters Patent which has been executed on even date herewith and/or is identifiable in the United States Patent and Trademark Office by Application No. filed on ;and
  - an international application for Letters Patent filed pursuant to the Patent Cooperation Treaty which is identifiable in the United States Receiving Office by Application No. filed on ; and

WHEREAS, Seagate Technology LLC, a limited liability company organized and existing under the laws of the State of Delaware and the United States of America, and having offices at 920 Disc Drive, Scotts Valley, California, 95066 USA, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the applications, and any and all Letters Patent or similar foreign or domestic legal protection;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, we transfer to Assignee, its successors and assigns, our entire right, title and interest in and to the invention, the above-identified applications, all provisional applications from which any of the above-identified applications claim priority, corresponding domestic and foreign applications, any continuation, division, renewal, or substitute for the applications, all Letters Patent, any reissue, re-examination, or similar legal protection issuing related to the Letters Patent, and all rights and benefits under any applicable treaty or convention; and we authorize the Director of the United States Patent and Trademark Office or foreign equivalent to issue the Letters Patent or similar legal protection to the Assignee.

We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. We further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries and appoint Assignee the common representative in the above identified international application and any international application for the invention.

We represent to the Assignee, its successors and assigns, that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries, including without limitation providing testimony in any related interference, litigation or proceeding.

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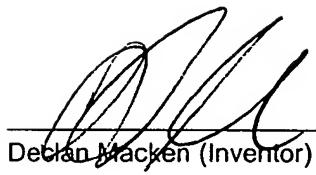
**Robert W. Lamberton (Inventor)**

Subscribed and sworn to before me in the County of \_\_\_\_\_, State of \_\_\_\_\_, on \_\_\_\_\_, a \_\_\_\_\_ year.

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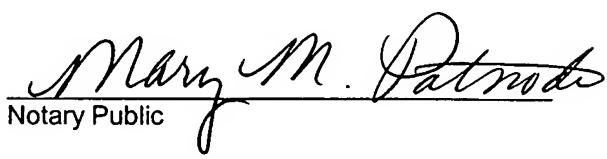
**Notary Public**

(SEAL)



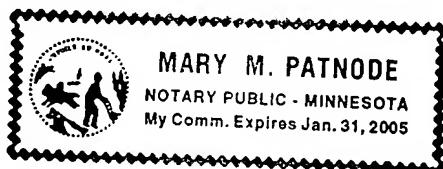
Declan Macken (Inventor)

Subscribed and sworn to before me in the County of Hennepin, State of Minnesota, a Notary Public, this 7th day of October, 2003.



Mary M. Patnode  
Notary Public

(SEAL)



---

Paul M. Dodd (Inventor)

Subscribed and sworn to before me in the County of \_\_\_\_\_, State of \_\_\_\_\_, a  
Notary Public, this \_\_\_\_ day of \_\_\_\_\_, 200\_\_\_\_.

---

Notary Public

(SEAL)

---

William J. O'Kane (Inventor)

Subscribed and sworn to before me in the County of \_\_\_\_\_, State of \_\_\_\_\_, a  
Notary Public, this \_\_\_\_ day of \_\_\_\_\_, 200 \_\_\_\_.

---

Notary Public

(SEAL)

## ASSIGNMENT

Attorney Docket No.: 169.12-0813  
Seagate Docket No.: STL 11531.00

WHEREAS, we Robert W. Lamberton of 122 Boles Road, Limavady, Co. Derry, N. Ireland BT49 0QU, Declan MacInnes of 14572 Rosewood Road, N.E., Prior Lake, Minnesota 55372, USA, Paul M. Dodd of 43, Whitehill Park, Mill, Co Donegal, Republic of Ireland, and William J. O'Kane of 28 Ringsend Road, Derry, No. Ireland, BT49 0QJ are the Inventor(s) of an Invention entitled NANOCLUSTERED MAGNETIC MATERIAL FOR HIGH MOMENT WRITE POLE APPLICATIONS that is the subject matter of: (Check all that apply)

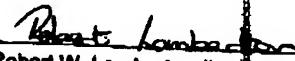
- a provisional application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. filed on ;
- an application for Letters Patent which has been executed on even date herewith and/or is identifiable in the United States Patent and Trademark Office by Application No. filed on ; and
- an international application for Letters Patent filed pursuant to the Patent Cooperation Treaty which is identifiable in the United States Receiving Office by Application No. filed on ; and

WHEREAS, Seagate Technology LLC, a limited liability company organized and existing under the laws of the State of Delaware and the United States of America, and having offices at 800 Disc Drive, Scotts Valley, California, 95066 USA, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the applications, and any and all Letters Patent or similar foreign or domestic legal protection;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, we transfer to Assignee, its successors and assigns, our entire right, title and interest in and to the invention, the above-identified applications, all provisional applications from which any of the above-identified applications claim priority, corresponding domestic and foreign applications, any continuation, division, renewal, or substitute for the applications, all Letters Patent, any reissue, re-examination, or similar legal protection issuing related to the Letters Patent, and all rights and benefits under any applicable treaty or convention; and we authorize the Director of the United States Patent and Trademark Office or foreign equivalent to issue the Letters Patent or similar legal protection to the Assignee.

We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. We further authorize the Assignee, its successors and assigns, or anyone it may designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries and appoint Assignee the common representative in the above identified international application and any international application for the invention.

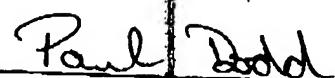
We represent to the Assignee, its successors and assigns, that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries, including without limitation providing testimony in any related interference, litigation or proceeding.

  
Robert W. Lamberton (Inventor)

Subscribed and sworn to before me in the County of Derry Notary Public, this 7<sup>th</sup> day of October, 2003. . State of N. Ireland , a

  
Notary Public

(SEAL)



Paul M. Dodd (Inventor)

Subscribed and sworn to before me in the County of  
Down, Public, this 7<sup>th</sup> day of October, 2003, State of N. Ireland, a

  
S. Mc Guffin

Notary Public

(SEAL)



William J. O'Kane (Inventor)

Subscribed and sworn to before me in the County of  
Notary Public, this 08 day of OCTOBER, 2003, State of PA

  
Notary Public

(SEA)